



# **Sharon D. Beard, Industrial Hygienist**

## **Worker Education Training Branch**

### **National Institute of Environmental Health Sciences**

#### Topics:

NIEHS Strategic Plan

Minority Worker Training Program Update and Highlights

Occupational Health Disparities Update

Brownfields 2013

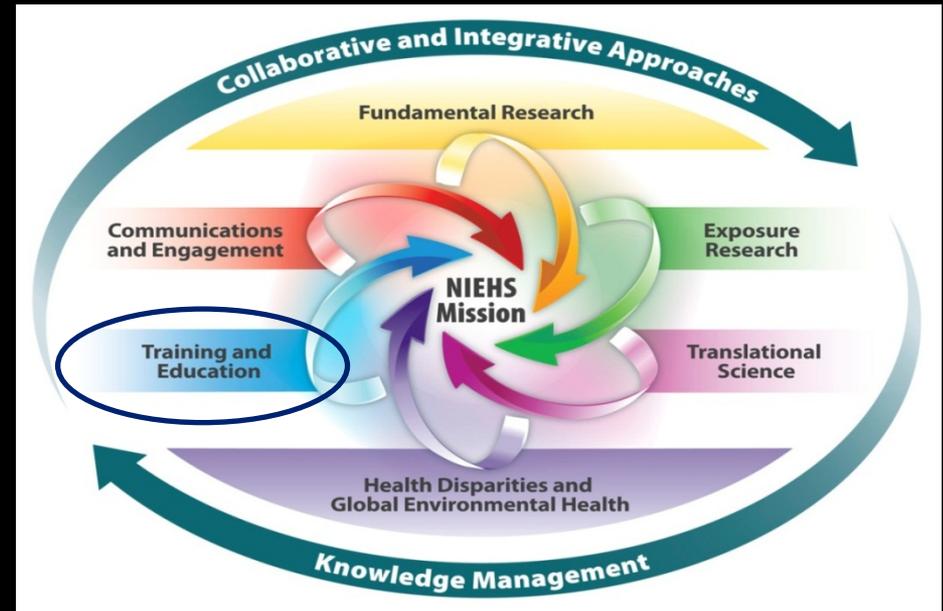
NIEHS Environmental Health Disparities/Environmental  
Justice Meeting

## Mission Statement

The mission of the National Institute of Environmental Health Sciences is to discover how the environment affects people in order to promote healthier lives.

## Vision Statement

The vision of the National Institute of Environmental Health Sciences is to provide global leadership for innovative research that improves public health by preventing disease and disability from our environment.





## NIEHS Minority Worker Training Program Update Fifteen-Year Summary of Training For Budget Period 09/01/1996-05/31/2013

<b>Year</b>	<b>Students Trained</b>	<b>Placed in Jobs</b>	<b>Percentage of Students Placed in Jobs</b>
<b>1996-2006</b>	<b>3,499</b>	<b>2,346</b>	<b>67%</b>
<b>2007</b>	<b>385</b>	<b>241</b>	<b>63%</b>
<b>2008</b>	<b>317</b>	<b>222</b>	<b>70%</b>
<b>2009</b>	<b>379</b>	<b>285</b>	<b>75%</b>
<b>2010</b>	<b>531</b>	<b>372</b>	<b>70%</b>
<b>2011</b>	<b>396</b>	<b>291</b>	<b>73%</b>
<b>2012</b>	<b>366</b>	<b>274</b>	<b>75%</b>
<b>2013</b>	<b>367</b>	<b>223</b>	<b>61%</b>
<b>Total</b>	<b>6,240</b>	<b>4,250</b>	<b>68%</b>



# MWTP Training Accomplishments

**NIEHS MINORITY WORKER TRAINING PROGRAM  
WORKER EDUCATION AND TRAINING AWARDS  
TOTAL TRAINING (ONE YEAR)  
FOR BUDGET PERIOD 08/01/2012-07/31/2013**

<b>AWARDEE</b>	<b>COURSES COMPLETED</b>	<b>STUDENTS TRAINED</b>	<b>CONTACT HOURS</b>
Western Region Universities Consortium	54	81	36,508
NJ/NY Hazardous Materials Worker Training Center	37	48	20,476
CPWR - The Center for Construction Research and Training	61	61	52,612
OAI, Inc.	61	77	25,013
Dillard University	60	100	36,144
<b>TOTAL</b>	<b>273</b>	<b>367</b>	<b>170,753</b>

# Minority Workers Training Program: Success and Best Practices Report

- Purpose: To document the importance of the MWTP and illustrate the program's best practices and major successes
  - How the MWTP works: Components of the program and why is it successful (best practices)
    - Life skills and social support network
    - Holistic approach to promote capacity building.
    - Partnership development: *joint partnerships with communities, unions, universities (e.g. HBCUs)/academia and contractors/employers*
    - Sustainability - *ability to sustain itself through leveraging funds (e.g. drawing in funds from other organizations)*
    - Approaches to addressing impediments or barriers to successful program implementation
    - Evaluation component (Results of the Program): Impacts and Outcomes

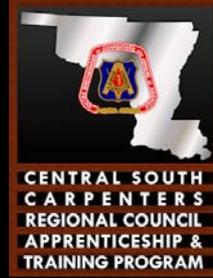
OAI, INC





National Institute of  
Environmental Health Sciences  
Worker Education and Training Program

# National, Strong & Effective Consortia



# "NJ Jobs4Vets" : Jobs for Our Nation's Veterans



- Target returning U.S. military as well as the New Jersey National Guard and Reserve
- New Jersey/New York Hazardous Materials Worker Training Center at the University of Medicine and Dentistry of New Jersey, School of Public Health (UMDNJ–SPH)
- Twenty-five veterans receive stipends covering all costs for the five-week training program as well as the application fees to apply for NJ state licenses in asbestos and lead abatement.





## **Eliminating Health and Safety Disparities at Work: A Panel Discussion Background**

- Conference: September 14 & 15, 2011 in Chicago, Illinois
- ~275 attended: academics, state and federal government workers, local and national non-profit leaders, community organizers, outreach workers, union members, clinicians, local, business representatives, chamber of commerce, occupational safety and health consultants



# Eliminating Health and Safety Disparities at Work: A Panel Discussion Background

- Conference organized around 5 issue papers:
  - Effects of Social, Economic, and Labor Policies on Occupational Health Disparities
  - Discrimination, Harassment, Abuse, and Bullying in the Workplace: Contribution of Workplace Injustice to Occupational Health Disparities
  - Education and Training for Underserved Populations
  - Work Organization, Job Insecurity, and Occupational Health Disparities
  - The Health of the Low-Income Workforce: Integrating Public Health and Occupational Health Approaches
- Papers available at:  
<http://www.aocedata.org/conferences/healthdisparities/whitepapers.html>



# Promoting Integrated Approaches to Reducing Health Inequities Among Low-Income Workers: Applying a Social Ecological Framework

**Sherry Baron, NIOSH; Sharon Beard, NIEHS; Amy K. Liebman, Migrant Clinicians Network; Letitia Davis, Mass Department of Public Health; Linda Delp, UCLA, Linda Forst, Univ. of Illinois Chicago; Laura Linnan, Univ. of North Carolina; Laura Punnett, Univ. of Mass Lowell; Laura S. Welch, Center for Construction Research and Training**

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# There are about 39 million low income workers (31% of all workers)





# Social-Ecological Framework

**Health  
Departments**

**Community  
-Based  
Programs**



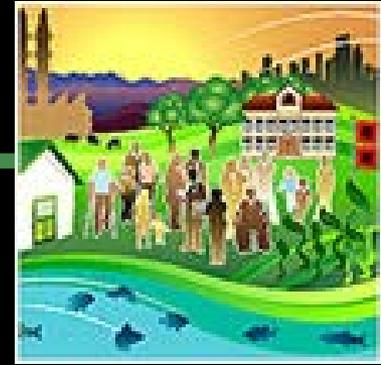
**Community  
Health Centers**

McLeroy et al., 1988; Stokols, 1992; Green et al., 1996

**Worksite**

- NIEHS and HHS Region 4 Meeting:  
Community Engagement to Support Capacity  
Building for Community Based Organization
- Environmental Justice Caucus –
  - Congratulations to Dr. Mildred McClain
- Three panel presentation:
  - Protecting Future Generations Through  
Effective Public Health Approaches  
and Monitoring
  - Brownfields Redevelopment and Local  
Hiring
  - Partnerships for Transforming Lives  
Through Workforce Development





## Environmental Health Disparities & Environmental Justice Meeting

- Date: July 29-31, 2013
- Location: NIEHS Research Triangle Park, NC
- Sponsors: NIEHS, EPA, NIHMD, CDC, HHS OMH and IHS
- Focus: To identify priorities for action to address environmental health disparities (EHD) and environmental justice (EJ).
- Goals: The main goals of this meeting will be to: Acknowledge and build off past meetings that have identified historical EHD & EJ issues; Prioritize research areas to ensure the most vulnerable populations' issues are addressed; Identify emerging EHD or EJ issues (new exposures that have not been considered in the past that may lead to new or additional health disparities); and, Develop a set of priorities that enables participants to set multi-year plans to address the most critical EHD and EJ issues.